U.S. PATENT DOCUMENTS

5,566,067	Α		10/1996	Hobson et al.
5,568,127	Α		10/1996	Bang
5,570,698	Α		11/1996	Liang et al.
5,573,013	Α		11/1996	Conlan
5,585,785	Α		12/1996	Gwin et al.
5,595,488	Α		1/1997	Gozlan et al.
5,647,633	Α		7/1997	Fukuoka
5,682,144	Α		10/1997	Mannik
5,682,882	Α		11/1997	Liberman
5,689,241	Α		11/1997	Clarke Sr. et al.
5,691,693	Α		11/1997	Kithil
5,720,294	Α		2/1998	Skinner
5,762,072	Α		6/1998	Conlan et al.
5,813,993	Α		9/1998	Kaplan et al 600/544
5,911,581	Α	*	6/1999	Reynolds et al 434/236
5,995,868	Α		11/1999	Dorfmeister et al 600/544
6,066,092	Α	*	5/2000	Cady et al 600/300
6,070,098	Α		5/2000	Moore-Ede et al 600/544
6,113,538	Α		9/2000	Bowles et al.
6,241,686	B1	*	6/2001	Balkin et al 600/544
6,287,262	B1		9/2001	Amano et al.
6,419,629	B1		7/2002	Balkin et al.
2002/0005784	A 1		1/2002	Balkin et al 340/573.1
2002/0017994	A1		2/2002	Balkin et al.

OTHER PUBLICATIONS

Belenky, et al., "Sustaining Performance During Continuous Operations: The U.S. Army's Sleep Management System," Proceedings of the Army Science Conference, 1996, pp. 1–5.

Bonnet, M. H., "Sleep Restoration as a Function of Periodic Awakening, Movement, or Electroencephalographic Change," Sleep, 1987, vol. 10, No. 4, pp. 364–373.

Colburn et al, "An Ambulatory Activity Monitor with Solid State Memory," paper presented at the 13th Annual Rocky Mountain Bioengineering Symposium and 13th International ISA BioMedical Sciences Instrumentation Symposium (Instrument Society of America), May 3–5, 1976, pp. 117–122.

Dinges et al., "Cumulative Sleepiness, Mood Disturbance, and Psychomotor Vigilance Performance Decrements During a Week of Sleep Restricted to 4–5 Hours per Night," Sleep, 1997, vol. 20, No. 4, pp. 267–277.

Dinges et al., "Principles and Guidelines for Duty and Rest Scheduling in Commercial Aviation," NASA Technical Memorandum 110404, May 1996, pp. 1–10.

Dijk et al., "Paradoxical Timing of the Circadian Rhythm of Sleep Propensity Serves to Consolidate Sleep and Wakefulness in Humans," Neuroscience Letters, vol. 166, No. 1, pp. 63–68.

Edgar et al., "Effect of SCN Lesions on Sleep in Squirrel Monkeys: Evidence for Opponent Processes in Sleep-Wake Regulation," Journal of Neuroscience, Mar. 1993, vol. 13, No. 3, pp. 1065–1079.

Fischler, Benjamin, "Review of Clinical and Psychobiological Dimensions of the Chronic Syndrome: Differentiation from Depression and Contribution of Sleep Dysfunctions," Sleep Medicine Reviews, 1999, vol. 3, No. 2, pp. 131–146. Fletcher et al., "A Predicative Model of Work–related Fatigue Based on Hours of Work," Journal of Occupational Health and Safety, 1997, vol. 13, No. 5, pp. 471–485.

Hendy et al., "Combining Time and Intensity Effects in Assessing Operator Information-Processing Load," Human Factors, 1997, vol. 39, No. 1, pp. 30-47.

Hockey, G. Robert J., "Compensatory Control in the Regulation of Human Performance under Stress and High Workload: A Cognitive–energetical Framework," Biological Psychology, 1997, vol. 45, pp. 73–93.

Hoddes et al., "Quantification of Sleepiness: A New Approach," Psychophysiology, Jul. 1973, vol. 10, No. 4, pp. 431–436

Johns et al., "Daytime Sleepiness, Snoring, and Obstructive Sleep Apnea: The Epworth Sleepiness Scale," Chest, Jan. 1993, vol. 103, No. 1, pp. 30–36.

Johns, Murray, "Rethinking the Assessment of Sleepiness," Sleep Medicine Reviews, 1998, vol. 2, No. 1, pp. 3–15.

Kripke et al., "Wrist Actigraphic Measures of Sleep and Rhythms," Electroencephalography and Clinical Neurophysiology, 1978, vol. 44, pp. 674–676.

Lubin et al., "Effects of Exercise, Bedrest and Napping on Performance Decrement During 40 Hours," Psychophysiology, vol. 13, No. 4, pp. 334–339.

Mitler et al., "Methods of Testing for Sleepiness," Behavioral Medicine, 1996, vol. 21, pp. 171–183.

Monk et al., "A Parallelism between Human Body Temperature and Performance Independent of the Endogenous Circadian Pacemaker," Journal of Biological Rhythms, Apr. 1998, vol. 13, No. 2, pp. 113–122.

Newhouse et al., "Stimulant Drug Effects on Performance and Behavior After Prolonged Sleep Deprivation: A Comparison of Amphetamine, Nicotine, and Deprenyl," Military Psychology, 1992, vol. 4, pp. 207–233.

Newhouse et al., "The Effects of d-Amphetamine on Arousal, Cognition, and Mood After Prolonged Total Sleep Deprivation," Neuropsychopharmacology, 1989, vol. 2, No. 2, pp. 153–164.

Penetar et al., "Amphetamine Effects on Recovery Sleep Following Total Sleep Deprivation," Human Psychopharmacology, 1991, vol. 6, pp. 319–323.

Redmond et al, "Observations on the Design and Specifications of a Wrist-Worn Human Activity Monitoring System," Behavior Research Methods, Instruments, & Computers, 1985, vol. 17, Issue 6, pp. 659–669.

Rosekind, M.R. et al., "Alertness Management in Long-Haul Flight Operations," Proceedings of the 39th Annual Corporate Aviation Safety Seminar, 1994, pp. 167–178 (printed from the NASA website).

Shi, Yuhui et al., "Using Artificial Neural Network for Sleep/Wake Discrimination from Wrist Activity: Preliminary Results," Proceedings of the 20th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1998, vol. 20, No. 3, pp. 1113–1115.

Thomas et al., "Regional Cerebral Metabolic Effects of Prolonged Sleep Deprivation" NeuroImage, 1998, vol. 7, No. 3, p. S130.

Thorne et al., "Plumbing Human Peformance Limits During 72 Hours of High Task Load," Proceedings of the 24th DRG Seminar on the Human as a Limiting Element in Military Systems, Defense and Civil Institute of Environmental Medicine, pp. 17–40 (1983).

Van Someren, Eus J. W., "Actigraph Monitoring of Movement and Rest-Activity Rhythms in Aging, Alzheimer's Disease, and Parkinson's Disease," IEEE Transactions on Rehabilitation Engineering, Dec. 1997, vol. 5, No. 4, pp. 394–398.

Advertiser flyer for "The Actiwatch-Score," Cambridge Neurotechnology.